Oracle® Banking Corporate Lending
Scheduler PLSQL JOB Creation

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Preface

This topic contains the following sub-topics:

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Purpose

This guide is designed to help acquaint you with the installation of Oracle Banking Corporate Lending. This guide describes the procedure to be followed for Scheduler PLSQL JOB Creation for Oracle Banking Corporate Lending solutions.

Audience

This manual is intended for the following User/User Roles:

Table 1   Audience

Role	Function
Administrator	Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.
Implementation team	Implementation of Oracle Banking Corporate Lending Solution
Pre-sales team	Install Oracle Banking Corporate Lending for demo purpose
Bank personnel	Who installs Oracle Banking Corporate Lending

The user of this manual is expected to have basic understanding of Oracle Banking Application installation.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at https://www.oracle.com/corporate/accessibility/.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by Oracle Software Security Assurance.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

For more information on any related features, refer to the following documents:

- Oracle Banking Corporate Lending User Guides.

- Oracle Banking Corporate Lending Installation Guides.

Conventions

The following text conventions are used in this document:

Table 2   Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

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Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 3   Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
OBCL	Oracle Banking Corporate Lending
PLSQL	Procedural Language extensions to Structured Query Language

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Create Scheduler PLSQL JOB

This guide describes the procedure to be followed for Scheduler PLSQL JOB creation for Oracle Banking Corporate Lending solutions.

This topic contains the following sub-topics:

- Background
  This topic provides background information on PLSQL Jobs.

- Procedure
  This topic explains systematic instructions to create a PLSQL job.

1.1 Background

This topic provides background information on PLSQL Jobs.

This guide is based on the requirement of creating PLSQL jobs to be executed by Quartz Scheduler. This guide the procedure to be followed to accomplish the above.

1.2 Procedure

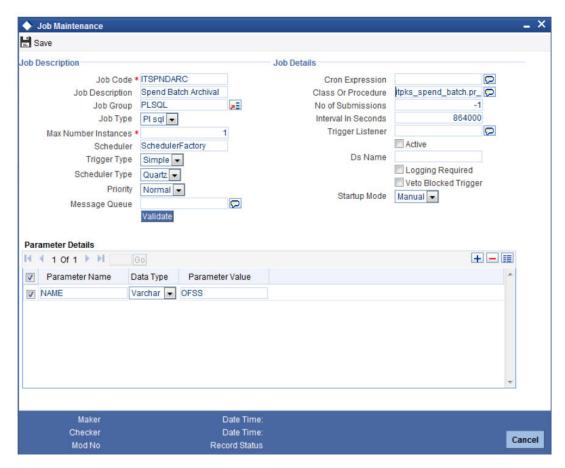This topic explains systematic instructions to create a PLSQL job.

Specify **User ID** and **Password** and login to the **Homescreen**.

1. On **Homescreen**, type **STDJOBMT** in the text box, and click **Next**.

   The **Job Maintenance** screen displays.

Figure 1-1   Job Maintenance

2. On the **Job Maintenance** screen, specify the fields.

   For information on fields and their description, refer to installation documents.
   A PLSQL job can be **Stateful Job** or **Stateless Job**.

   The following table describes the PLSQL jobs -

Table 1-1   PLSQL Jobs

PLSQL Job	Description
Stateful Job	If the job is configured to be Stateful then missed instances will be queued up so that the scheduler would start executing once the long-running job ends. It means, there will be no parallel execution of the procedure. To make an executing class Stateful, add two annotations to the job class. • @PersistJobDataAfterExecution • @DisallowConcurrentExecution
Stateless Job	If the job is configured as Stateless, threads can be run in parallel and can execute the same procedure. If the job is configured as Stateless, the value of the field **Max Number** Instances will denote the number of threads that can be executed in parallel. If the job is configured as stateful, then the above value will denote the number of missed instances that will be queued up so that the quartz scheduler would start executing them once a long-running job ends. This field specifies the number of such job instances that need to be queued up.

The class defined in the class field has to be provided with a fully qualified name.

> **Note:**
>
> - For every PLSQL job, the executing class is **FCPLSQLJobInvoker.java**, which is configured as stateless.
>
> - Job params can be added to a particular PLSQL job in this screen as shown above, which are passed to the procedure maintained.

For example,
Suppose we have created a new ITSPNDARC PLSQL job for Spend Batch Archival. Here it is a PLSQL job, where the procedure to be executed is itpks_spend_batch.pr_spend_archival.